

Method and Apparatus for Moving Scanning Documents

ABSTRACT

A sheet-fed scanner employing a second motion roller is disclosed. According to one embodiment, a transparent circular tube as the second roller is used. The image sensing module is enclosed in the transparent circular tube. With a parallel mounting of the transparent circular tube and a motion roller, the transparent circular tube is caused to rotate in synchrony with the motion roller by friction created between a scanning sheet and the transparent circular tube so as to reduce the friction to maintain a net driving force from the motion roller to advance a scanning sheet therebetween.